Name: _____

at1110paper_practice_test (v115)

1. Expand the following expression into standard form.

$$(7x - 5)(7x + 5)$$

2. Expand the following expression into standard form.

$$(2x - 5)^2$$

3. Factor the expression.

$$x^2 - 12x + 35$$

4. Expand the following expression into standard form.

$$(8x + 7)(4x + 5)$$

5. Solve the equation with factoring by grouping.

$$15x^2 + 6x - 20x - 8 \ = \ 0$$

6. Solve the equation.

$$10x^2 + 29x + 33 \ = \ 5x^2 - 3x - 2$$

7. Solve the equation.

$$(4x + 5)(7x + 3) \ = \ 0$$

8. Factor the expression.

$$25x^2 - 36$$